FLOW CONTROL METHOD FOR MAXIMIZING
RESOURCE UTILIZATION OF A REMOTE SYSTEM

ABSTRACT OF THE DISCLOSURE

     A failsafe feedback method between a data processing system and a control system maximizes resource utilization and prevents data overrun of the data processing system. The method acknowledges status messages from a processing system while other status messages may still be in communication from the processing system. The status messages provide the control system with information about how much more data the processing system can accept. The control system then uses this information to determine whether to continue to send data.